

CIRO GUARANTEE:

Your CIRO splicer is guaranteed for one year against defects in materials or construction. Damage resulting from accident or abuse is not, of course, covered by this guarantee. A photocopy of your sales receipt, showing date of purchase, must be delivered to CIRO with any guarantee claim.

IMPORTANT NOTE:

To ensure that your guarantee is validated, please mail the proof of ownership registration card to us within 10 days of purchase date. Thank you!

ABOUT CIRO TAPE:

The CIRO tape that comes with your splicer is designed especially for the job. When you make a splice, the CIRO tape is automatically positioned so that both its edges are *between* frames of the film. Since the tape itself is transparent, this adds up to splices that are practically invisible on the screen.

Replacement CIRO tape comes in a package of two rolls, for \$3.50. It's available from your local dealer. For his address, write to us.



**CIRO Equip. Corp. 6820 Romaine Street
Hollywood, Calif. 90038 (213) 467-1296**

**FOR UNIVERSITY AND SCHOOL USE; FOR INDUSTRIAL FILMS
AND HOME MOVIES:**



CIRO

Super 8mm Film Splicer

**FOR SOUND-ON-FILM
AND SILENT MOVIES**

to position each press tape just right, *by hand*. With the CIRO wraparound method, it's all one step—and precise positioning is automatic.

Save the soundtrack

CIRO wraparound tape stops short of the sound stripe on that side of the film—so your sound continues uninterrupted. Press tapes cover the track, causing a sound dropout; and with cement splices, you get a clicking noise.

Tape 5 times cheaper!

A roll of CIRO Super 8 tape will give you about 350 splices. Press tape splices cost between 2 and 3 cents each. For 2½ cents, you get around 5 CIRO splices!

Tape pays for splicer?

CIRO tape is top quality. (Every roll is *guaranteed* not to telescope, for example.) It costs far less because it comes in a roll and *because it's not already perforated*. Sooner or later, your tape savings will, in effect, offset the cost of the splicer itself. It's worth considering!

One year guarantee

The sturdy CIRO is made of high-impact plastic and steel. And it's guaranteed for a full year—parts and labor.

It's available at your camera store. Or write to us at:

**Ciro Equipment Corp
6820 Romaine Street
Hollywood, Calif. 90038**

CIRO

**Perfect registration fast. The CIRO
makes its own perforations in the splicing tape,
and trims the edges automatically.**

The CIRO joins the film with special transparent tape. It punches holes in the tape that *exactly* match the film's own perforations. Position pins hold the film straight and flat. It's fast, easy and, above all, *precise*.

The strongest splice

You get a much stronger and longer-lasting join than with a cement splicer. And CIRO-edited film runs more smoothly through your projector than press taped or cemented film.

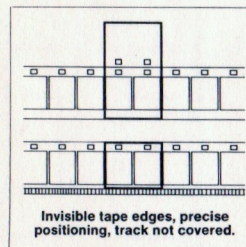
Invisible tape edges

When you attach the CIRO tape, it's automatically positioned so that both its edges are *between* frames of your film. Since the tape itself is transparent, this adds up to splices that are practically invisible on the screen. With both cement and press tapes, you can see the edges go by in mid-screen.

No lost film frames

If you change your mind about a cut, just peel the splice apart and tape the film together the way it was before. That's not pos-

sible with cement. You lose one frame of the movie with every splice change you make.



**Invisible tape edges, precise
positioning, track not covered.**

Repair damaged film

You can use the CIRO and its transparent tape to mend torn film and broken sprocket holes. It's as easy as making a splice.

Both sides—one step

Press tape splicers require you to tape one side, then turn the film over and do it again. And you have

OPERATING INSTRUCTIONS

Tape on Splicing Block:

At the center of the recessed Film Channel (A) is the Splicing Block (B). A short length of CIRO tape is attached to the Block. It's there for a purpose: When you make a splice, you punch small, rectangular holes in the strip of CIRO tape you've placed across the film. The CIRO tape attached to the Splicing Block ensures that the small pieces of tape punched from the strip stay *under* the Splicing Block, and don't stick to the film. The short length of CIRO tape on the Splicing Block should be replaced periodically. But, except when replacing, *don't remove it.*

Making a cut:

Before making a splice, you generally want to make a cut in the film, to remove footage you don't want in the edited version. To make a cut, lay the film in the recessed Film Channel, with its perforations on the Guide Pins (C). The frame where you want to make the cut should be at the end of the film channel. Lower the cutter (D), and it's done. (The place at which you wish to make the cut should be marked beforehand at the film's edge with a grease pencil or felt pen, while you look at the scene in your viewer.)

Making a splice:

Lay the two pieces of film in the recessed Film Channel, with film perforations on the Guide Pins (C). The ends of the two pieces of film should touch, at the center of the Splicing Block (B). **Important:** The base side of the film should always be placed facing *down* (against the Film Channel), and the emulsion side facing *up* (so that's the side you see when you look down at it). The emulsion side is dull, the base side is shiny. On sound film, the brown magnetic tape soundtrack (E) is on the base side.

Pull some CIRO tape from the roll across the two film ends. With the smooth back of your fingernail, rub the tape against the film to remove air bubbles and to make sure it's firmly stuck. Make sure, also, that the tape is stretched out flat and stuck at the front (F) and back (G) of the Splicing Block.

Lower the pressure plate (H) and hold it firmly at its end (J) with your right hand. Lower the "U" blade lever (K) sharply with your left hand. Then lift the "U" blade and the pressure plate up again.

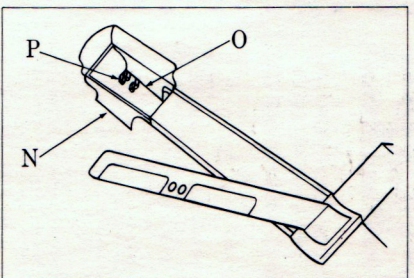
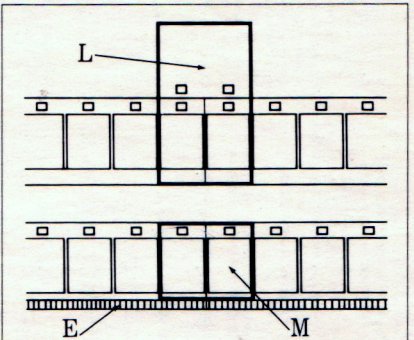
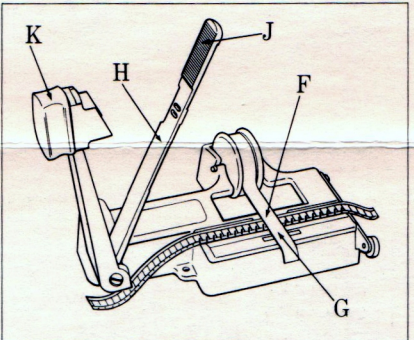
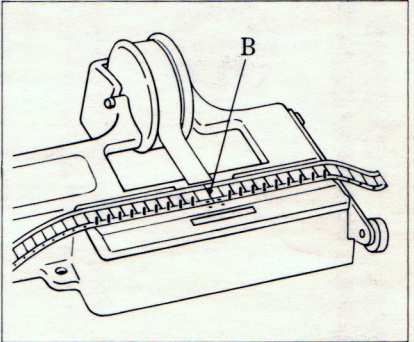
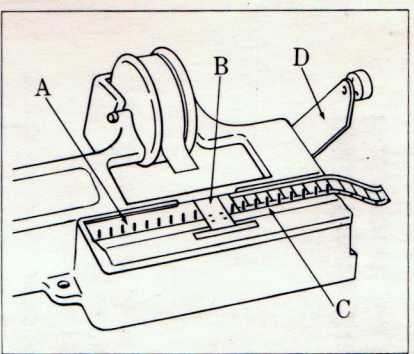
Gently lift both pieces of film and the chopped-off piece of CIRO tape (L) from the Splicing Block. Carefully fold the CIRO tape's end around and stick it to the other side of the film (M). Once again, rub the tape against the film with the back of your fingernail.

Changing splices:

If you should change your mind about where you want the scene to end, you can peel the CIRO splice apart, and tape the old film ends together the way they were originally. Then you can make another cut somewhere else, if you wish. If the film should break for any reason, you can repair it with CIRO tape — just like making a splice.

Cleaning:

In time, a gummy residue may build up around the edges of the "U" blade (N and O) and around the tips of the four small tape perforators (P). If not removed, the residue may prevent the splicer from working cleanly. It can be easily removed with a small wood-handled brush dipped in carbon tetrachloride or a similar solvent. **Important:** Be very careful *not* to get any solvent on the plastic parts of the splicer.



NAME _____

STREET _____

CITY _____

STATE _____ **ZIP** _____

MODEL (PLASTIC OR METAL) _____

PURCHASE DATE _____

DEALER _____

**CIRO GUARANTEE REGISTRATION
AND PROOF OF OWNERSHIP CARD**

Place
postage
stamp
here

**CIRO Equipment Corporation
6820 Romaine Street
Hollywood, California 90038**

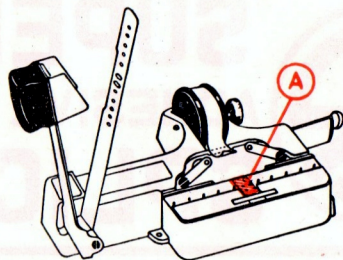


Fig. 1.

1

MOLTO IMPORTANTE

Fig. 1: Il nastro adesivo (A) — 34 strati sovrapposti — che vedete applicato sulla matrice è stato messo appositamente. Esso fa sì che i rettangolini di nastro adesivo tranciati dai punzoni rimangano sotto la matrice e non tornino su appiccicandosi al film:

NON TOGLIETELO MAI, MA SE NECESSARIO, RINNOVATELO!

1

VERY IMPORTANT!

Fig. 1: The adhesive tape (A) — 34 superimposed layers — which you see applied to the matrix has been applied intentionally. It insures that the small rectangles of adhesive tape cut off by the punches remain under the matrix and do not turn over and stick to the film:

NEVER TAKE IT OUT, BUT RENEW IT, IF NECESSARY!

1

TRES IMPORTANT!

Fig. 1: La bande de ruban adhésif (A) — 34 couches superposées — que l'on voit appliquée sur la matrice a été mise exprès. Ce qui fait que les rectangles de ruban adhésif découpés par les poinçons restent sous la matrice et ne s'attachent pas au film:

NE L'ENLEVEZ JAMAIS, MAIS AU BESOIN, RENOUVELEZ-LA!

1

SEHR WICHTIG

Fig. 1: Der Klebstreifen (A) — 34 Lagen — auf der Führungsbahn ist absichtlich dort angebracht: Er verhindert dass die von den Lochstempeln ausgestanzten Klebstreifen-Stückchen am Film haften bleiben:

NICHT ENTFERNEN, SONDERN, WENN NÖTIG, ERNEuern!

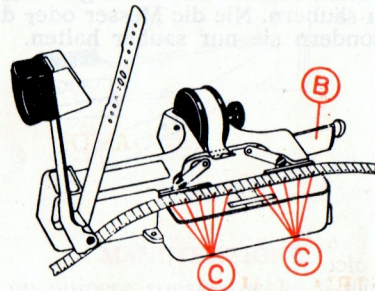


Fig. 2

2

Fig. 2: Se il film deve essere tagliato prima di eseguire la giunta, ancorare la pellicola nei pernetti (C) e tagliarla nel punto voluto per mezzo della taglierina (B).

2

Fig. 2: If film is to be cut before splicing, affix it onto the registration pins (C) and cut with cutter (B).

2

Fig. 2: Couper les deux extrémités du film à raccorder avec le couteau (B) les picots (C) étant bien engagés dans les perforations.

2

Fig. 2: Film, der vor der Klebung zu schneiden ist, in den Zentrierstiften (C) einlegen und mit dem Messer (B) schneiden.

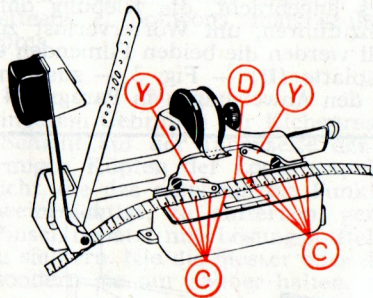


Fig. 3

3

Fig. 3: Accostare le estremità delle due pellicole da giuntare sulla mezzaria (D) della matrice dopo averle ancorate ai pernetti (C) e fissate alla matrice per mezzo delle due mollette rotanti (Y).

ATTENZIONE! Se si tratta di pellicola che ha la pista magnetica, rivoltare il lato, dove la pista stessa è applicata (la pista si riconosce per la sua opacità) verso il basso e cioè a contatto con la matrice. Così facendo la pista magnetica non verrà coperta dal nastro adesivo e la giunta sarà assolutamente silenziosa e non si avvertirà nessun rumore anche se fatta nel mezzo del parlato o della musica. Se la pista dovrà essere applicata dopo il montaggio definitivo del Vostro film, ricordateVi di **eseguire tutte le giunte in modo che il nastro adesivo non copra il bordo del film riservato alla pista magnetica** (per ottenere ciò mettere il film sulla matrice **con la gelatina - lato opaco - rivolto in alto**).

3

Fig. 3: Place the ends of the two films to be spliced together in the middle of the plate (D), fixing them onto registration pins (C) by the two revolving pressure springs (Y).

ATTENTION! If the film has a magnetic track, turn the track side (you can recognize the magnetic track by its brown colour) toward the matrix. By doing this the magnetic track will not be covered by the adhesive tape and the splice will be absolutely noiseless, even if spliced in

the middle of music or speech. If you are editing a film, black and white or color, where magnetic track should be applied, remember to **splice the film always keeping the emulsion side up**. Consequently, the shiny side, being toward the matrix, will have the space free for applying the magnetic track.

3

Fig. 3: Placer les extrémités des deux films à raccorder sur le repère (D) de la platine après avoir fixé la pellicule par les pressures mobiles (Y), les picots (C) étant bien engagés dans les perforations.

ATTENTION! Si la piste magnetique e été appliquée, effectuer la jonction en disposant le film sous la matrice de façon que le ruban adhésif laisse cette piste complètement libre. Si la piste sera appliquée après votre montage définitif, effectuer les jonctions de façon que le ruban adhésif laisse libre le bord du film réservé à la piste magnetique (**en tous cas mettre le film sur la matrice avec le côté mat au dessus**).

3

Fig. 3: Die zu klebenden Filmenden zur Mittellinie (D) der Führungsplatte aneinander legen und in die Zentrierstifte (C) einpassen und mit den beiden beweglichen Fixierklammern (Y) befestigen.

ACHTUNG! Film mit Tonspur so in Führungsbahn einlegen, dass die Spurseite nach unten zur Führungsbahn liegt. In dieser Weise wird die Tonspur nicht vom Klebeband überdeckt und die Klebstelle bleibt, auch wenn sie sich mitten im Gesprochenen oder Musik befindet, absolut geräuschlos. Bei Montagen von Film, auf welchem anschließend Tonspur angebracht werden soll, **die Glanzseite zur Klebung nach unten zur Führungsbahn einlegen**. Dadurch bleibt die Bahn, auf welcher anschliessend die Tonspur angebracht wird, frei.

4

Fig. 4: Svolgere un tratto di nastro adesivo (E) e applicarlo sulle due pellicole da giuntare. Con una leggera pressione del dito far aderire il nastro sulla superficie della pellicola in modo che non risultino grinze o bolle d'aria. Fare altresì attenzione che il nastrino aderisca bene anche ai due ponticelli (G) e (H) e ciò per facilitarne il taglio.

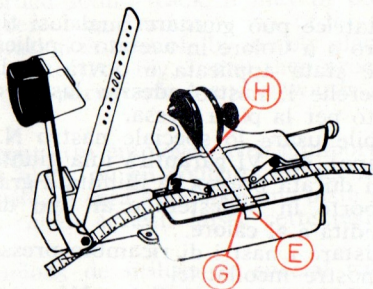


Fig. 4

4

Fig. 4: Unroll adhesive tape (E). Apply to film to be spliced. Use finger to press adhesive tape on film so that it sticks to it leaving no wrinkles or air bubbles. Make sure tape is well stretched adhering to both points (G) and (H) in order to make cut easier.

4

Fig. 4: Dérouler une bande de ruban adhésif (E) et l'appliquer sur les deux pellicules avec une pression du doigt. Faire adhérer le ruban sur la surface de la pellicule afin d'éviter les plis et les bulles d'air. Faire attention que le ruban adhère également sur les deux traverses (G) et (H) afin d'en faciliter la coupe.

4

Fig. 4: Ein Stück Klebeband (E) abwickeln und gut gestrafft mit Finger auf dem Film und in Punkt (G) und (H) auf den Stegen andrücken; darauf achten, dass keine Falten oder Luftblasen zurückbleiben!

5

Fig. 5: Rimettere le mollette rotanti (Y) in posizione di riposo nel punto (X).

Abbassare il pressore (I) e, tenendolo fermo all'estremità (L) con l'indice della mano destra, abbassare, agendo con

la sinistra, la leva porta punzoni (M) premendola fino a fine corsa per due o tre volte. Il nastro verrà così tagliato ai bordi e forato in corrispondenza delle perforazioni della pellicola. Tenendo sempre fermo l'indice della mano destra sul pressore (L), sollevare prima la leva porta punzoni (M) e poi, togliendo l'indice il pressore (L).

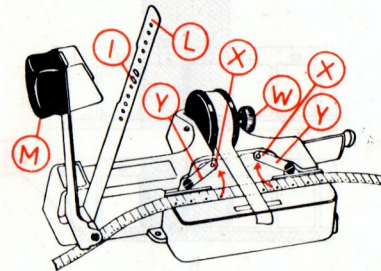


Fig. 5

5

Fig. 5: Bring the two springs (Y) back to their initial position (X).

Lower pressure plate (I). Hold firmly at end (L) with forefinger of right hand. Push perforator lever (M) with left hand sharply and completely down several times, keeping pressure plate down at end (L), lift perforator lever (M) and then pressure plate (I).

5

Fig. 5: Replacer les deux presseurs mobiles (Y) dans la position de repos (X).

Abaisser le presseur (I) en appuyant fermement sur l'extrémité (L) avec l'index de la main droite. Avec la main gauche, abaisser à plusieurs reprises le levier porte-poinçons (M) jusqu'à fin de course. Le ruban sera ainsi coupé sur les bords et perforé en correspondance avec les perforations de la pellicule. Relever d'abord le levier portepoinçons (M), ensuite le presseur.

5

Fig. 5: Die beweglichen Fixierklammern (Y) in Ausgangsposition (X) zurückdrehen.

Die Andruckleiste (I) auf den Film senken und im Punkt (L) mit Fingerdruck darauf festhalten. Den Lochungshebel (M) mit der linken Hand mehrmals bis zum Anschlag herunterdrücken. Die Andruckleiste (I) weiter festhalten, zuerst den Lochungshebel (M) zurückbewegen, dann die Andruckleiste (I).

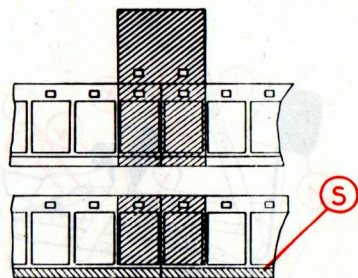


Fig. 6

6

Fig. 6 Togliere quindi la pellicola dalla matrice staccando delicatamente la porzione di nastro rimasto attaccato alla matrice e ripiegare accuratamente il nastro stesso, tagliato in eccedenza, dalla parte opposta del film facendo bene attenzione che non si crei una sporgenza lungo il bordo del film: la pista magnetica (S) risulterà in tal modo scoperta.

6

Fig. 6: Separate film from block and carefully take off excess tape from matrix, folding it over onto back of film. Make sure excess tape is adhering well all around the edge of the film: the adhesive tape has left the magnetic track (S) free.

6

Fig. 6: Enlever la pellicule de la platine en la retirant attentivement; ensuite replier le ruban adhésif en excès sur l'envers de la pellicule: le ruban adhésif laisse la piste magnétique (S) complètement libre.

6

Fig 6: Film vorsichtig aus den Zentrierstiften nehmen und überstehendes klebeband scharf auf die Rückseite des Films umlegen und andrücken: das Klebeband lässt die Tonspur (S) frei.

NOTA

Questa giuntatrice può giuntare qualsiasi tipo di pellicola Bianco e Nero o a Colore in acetato o poliestere, anche se su di essa è stata applicata o dovrà applicarsi la pista magnetica perchè il nastro adesivo lascia completamente libero il posto per la pista stessa.

E' consigliabile usare lo speciale nastro N. 853 della 3M (Polyester tape), che Vi garantirà una giunta perfetta, trasparente e di durata pressochè illimitata grazie al suo fortissimo supporto in poliestere e al tipo di adesivo resistenti all'umidità e al calore.

Potrete acquistare i nastri di ricambio presso tutti i rivenditori delle nostre incollatrici

Con un rotolino di 10 metri di lunghezza potrete eseguire circa 380 giunte.

Il cambio del rotolo di nastro si effettua svitando il perno (W), Fig. 5.

In alcuni casi, specie se la pellicola è già pistata e sonorizzata, può essere desiderabile effettuare la giunta senza rifilare la pellicola sulla rottura, in modo da non perdere alcun fotogramma.

Tale operazione si esegue disponendo semplicemente sulla matrice (D), Fig. 3, le due testate della pellicola per poi proseguire con le operazioni descritte dal paragrafo 4 in avanti.

NOTICE

This splicer can be used to splice any film, black and white or color in acetate or polyester — even if a magnetic stripe has been or should be applied, because the folded part of the adhesive tape leaves the magnetic stripe area completely free.

It may be used any type of transparent pressure sensitive adhesive tape. However in order to obtain a perfectly resistant and lasting splice we recommend the use of «3M» polyester Scotch Brand tape number 853, which guarantees an optically clear splice with unlimited life.

The most important features of this Polyester tape are: strong, heat and humidity resistance, dry adhesive. Therefore you will not have a «gummy» surface at the edges of the splice and a cloggy pressure channel in your projector. Approximately 380 splices can be made with one roll of adhesive tape.

To change roll of tape, unscrew the bolt (W), Fig. 5. If

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To change roll of tape, unscrew the bolt (W), Fig. 5. If

film has a recorded sound track, it may be convenient to splice without removing frames — in order not to lose words. This operation is possible by merely placing the two ends of film on plate (D), Fig. 3, and then proceeding with instructions as per paragraph 4 and onwards.

NOTA

Cette colleuse peut être employée avec n'importe quel type de film, noir et blanc ou en couleurs en acetate ou polyester, même si a été ou sera appliquée une piste magnétique, car le repli du ruban adhésif laisse cette piste complètement libre.

Nous recommandons de utiliser le spécial ruban adhésif n. 853 fabbriqué par 3M qui grâce à son support en polyester extrêmement résistant et au type d'adhésif employé, réfractaire à l'humidité et à la chaleur, ne se modifie pas dans le temps et dont la très haute résistance garantit une collure qui ne risque plus de «lâcher» à la projection.

Avec un rouleau de 10 mètres de longueur, vous pouvez effectuer 380 collages, à peu près.

Pour remplacer le rouleau de ruban, dévisser l'axe (W), Fig. 5. Si la pellicule est déjà pourvue d'une piste enregistrée, il peut être nécessaire d'effectuer la collure sans couper le film. Cette opération est possible, en plaçant les deux morceaux de film sur la platine (D) Fig. 3, et en procédant suivant les opérations indiquées aux paragraphes 4 et suivants.

ANMERKUNGEN

Diese Klebepresse klebt gleichermassen Schwarz - Weiss - und Farbfilm in Acetat oder Polyester und lässt die Bahn der Magnetspur vollkommen frei.

Es kann ieder Typ von durchsichtigem Klebeband benutzt werden; um jedoch eine ideale Klebung zu erhalten ist es empfehlenswert, das «3M» Polyester-Band SCOTCH n. 853 zu benutzen, welches eine vollkommen durchsichtige und unbegrenzt haltbare Klebung garantiert und gegen Wärme und Feuchtigkeit ausserordentlich widerstandsfähig ist. Der trockene Klebstoff quillt nicht aus den Rändern der Klebung und erzeugt keine klebrige Filmoberfläche, die dann die Andruckkufen im Projektor verschmutzt. Mit einer Rolle Klebeband von 10 mt. kann man ungefähr 380 Klebungen durchführen.

Zum Auswechseln der Kleberolle schraubt man die Achse

(W), Fig. 5, heraus. Falls der Film schon vertonte Spur besitzt, ist es angebracht, die Klebung ohne vorherigen Schnitt durchzuführen, um Wörterverlust zu vermeiden. In diesem Fall werden die beiden Filmenden direkt auf der der Führungsplatte (D) — Fig. 3 — zusammengelegt und entsprechend den Anweisungen in Paragraph 4 usw. geklebt.

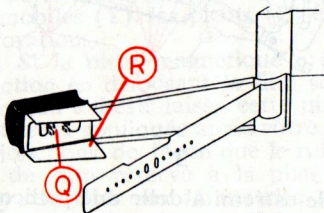


Fig. 7

MANUTENZIONE

Fig. 7: Dopo un numero considerevole di giunte può darsi che un deposito gommoso, formatosi nell'interno del coltello (R) e sulle teste a V dei punzoni (Q) ostacoli il buon funzionamento della giuntatrice. Si potrà togliere facilmente tale deposito gommoso con un pennello bagnato di trielina. Si consiglia di non affilare mai i coltelli ed i punzoni ma solo di tenerli ben puliti.

SERVICE

Fig. 7: After many splicing operations, a rubbery residue may remain inside the knife (R) and on the V-heads of the perforators (Q), preventing a proper splicing. This rubbery residue can be removed easily with a hard brush dipped in carbon tetrachloride. Do not sharpen the knives or the perforators, but do keep them clean.

ENTRETIEN

Fig. 7: Après plusieurs collures, il peut se produire un dépôt de gomme à l'intérieur du couteau (R) et sur l'extrémité en V des poinçons (Q) nuisant au bon fonctionnement de la colleuse. On pourra enlever ce dépôt avec un pinceau

imbibé de trichloréthylène. Il est conseillé de ne jamais affûter les couteaux et poinçons, mais seulement de les tenir très propres.

PFLEGE

Fig. 7: Nach längerem Gebrauch der Klebepresse kann sich eine klebrige Schicht auf der Innenseite der Messer (R) und den V-förmigen Köpfen der Lochstempel (Q) bilden. Um diese Schicht, die das einwandfreie Funktionieren der Klebepresse beeinträchtigt, zu entfernen, genügt es, mit einem harten Pinsel, benetzt mit Lösungsmittel (Tetrachlorkohlenstoff) zu säubern. Nie die Messer oder die Lochstempel schärfen, sondern sie nur sauber halten.



SUPER 8

ADHESIVE TAPE

SPLICER

GIUNTATRICE SUPER 8
ISTRUZIONI PER L'USO

SUPER 8 SPLICER
INSTRUCTIONS FOR USE

COLLEUSE SUPER 8
INSTRUCTIONS POUR L'USAGE

SUPER 8 KLEBEPRESSE
GEBRAUCHSANWEISUNG